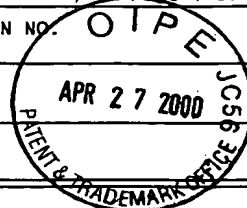


FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1887.0060002/RWE/KKVAPPLICATION NO.
09/501,179APPLICANT
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1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
KAC	AA1	5,962,237	10/05/1999	Ts'o <i>et al.</i>	435	7.23	04/02/1997
KAC	AB1	6,025,128	02/15/2000	Veltri <i>et al.</i>	435	6	09/29/1994
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KAC	AR	1	Coleman, A.W., <i>et al.</i> , "Mithramycin- and 4'-6-Diamidino-2-Phenylindole (DAPI)-DNA Staining for Fluorescence Microspectrophotometric Measurement of DNA in Nuclei, Plastids, and Virus Particles," <i>J. Histochem. & Cytochem.</i> 29:959-968 (August 1981)
	AS	1	Cote, R.J., <i>et al.</i> , "Association of p27 ^{KIP1} Levels with Recurrence and Survival in Patients with Stage C Prostate Carcinoma," <i>J. Nat. Cancer Inst.</i> 90:916-920 (June 1998)
	AT	1	Cordon-Cardo, C., <i>et al.</i> , "Distinct Altered Patterns of p27 ^{KIP1} Gene Expression in Benign Prostatic Hyperplasia and Prostatic Carcinoma," <i>J. Nat. Cancer Inst.</i> 90:1284-1291 (September 1998)

EXAMINER

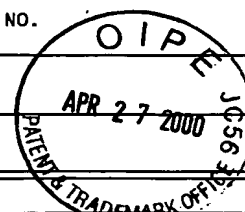
Karen A. Gamella

DATE CONSIDERED

3/30/01

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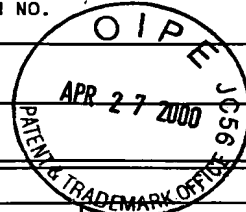
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KAC	AR	2	El-Habashi, A.H., <i>et al.</i> , "DNA Ploidy and Proliferating Cell Nuclear Antigen Image Analysis of Peritoneal and Pleural Effusions," <i>Acta. Cytol.</i> 41:636-648 (May-June 1997)
I	AS	2	Fernandes, B.J., <i>et al.</i> , "DNA Content and Estrogen Receptors in Primary Carcinoma of the Breast," <i>Can. J. Surg.</i> 34:349-355 (August 1991)
✓	AT	2	Fidler, I.J., <i>et al.</i> , "Critical Factors in the Biology of Human Cancer Metastasis: Twenty-eighth G.H.A. Clowes Memorial Award Lecture," <i>Cancer Res.</i> 50:6130-6138 (October 1990)

EXAMINER <i>Karen J. Gonnella</i>	DATE CONSIDERED <i>3/30/01</i>
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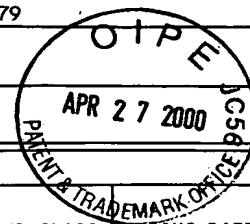
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
KAC	AR	3	Galand, P. and Degraef, C., "Cyclin/PCNA immunostaining as an alternative to tritiated thymidine pulse labelling for making S phase cells in paraffin sections from animal and human tissues," <i>Cell Tissue Kinet.</i> 22:383-392 (September 1989)
↓	AS	3	Gerdes, J., <i>et al.</i> , "Production of a Mouse Monoclonal Antibody Reactive with a Human Nuclear Antigen Associated with Cell Proliferation," <i>Int. J. Cancer.</i> 31:13-20 (January 1983)
✓	AT	3	Hall, P.A., <i>et al.</i> , "Proliferating Cell Nuclear Antigen (PCNA) Immunolocalization in Paraffin Sections: An Index of Cell Proliferation with Evidence of Deregulated Expression in Some Neoplasms," <i>J. Pathol.</i> 162:285-294 (December 1990)

EXAMINER	<i>Karen A. Ganella</i>	DATE CONSIDERED	3/30/01
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	AO						Yes No
	AP						Yes No

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KAC	AR	4	Herbeuval, R., <i>et al.</i> , "Diagnosis of Unusual Blood Cells by Immunofluorescence," <i>Acta. Cytol.</i> 9:73-82 (January-February 1965)
	AS	4	Kallakury, B.V.S., <i>et al.</i> , "The Prognostic Significance of p34 ^{cdc2} and Cyclin D1 Protein Expression in Prostate Adenocarcinoma," <i>Cancer</i> 80:753-763 (August 1997)
✓	AT	4	Key, G., <i>et al.</i> , "New Ki-67-Equivalent Murine Monoclonal Antibodies (MIB 1-3) Generated Against Bacterially Expressed Parts of the Ki-67 cDNA Containing Three 62 Base Pair Repetitive Elements Encoding for the Ki-67 Epitope," <i>Lab Invest.</i> 68:629-636 (June 1993)

EXAMINER

Karen A. Camello

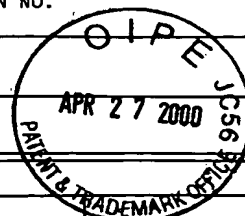
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KAL	AR	5	Kirkegaard, L.J. <i>et al.</i> , "Image Cytometric Measurement of Nuclear Proliferation Markers (MIB-1, PCNA) in Astrocytomas," <i>Am. J. Clin. 109:69-74</i> (January 1998)
↓	AS	5	Lee, A.K.C., <i>et al.</i> , "DNA Ploidy, Proliferation, and Neu-oncogene Protein Overexpression in Breast Carcinoma," <i>Mod. Pathol. 5:61-67</i> (January 1992)
↓	AT	5	Leong, A.S.-Y. and Milios, J., "Is Immunolocalisation of Proliferating Cell Nuclear Antigen (PCNA) in Paraffin Sections a Valid Index of Cell Proliferation?" <i>Appl. Immunohistochem. 1:127-135</i> (1993)

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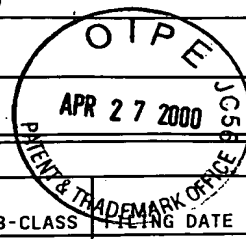
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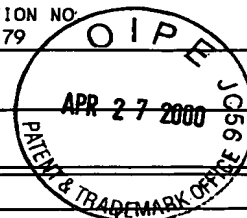
<i>KAC</i>	AR	<u>6</u>	Makris, A., <i>et al.</i> , "Changes in hormone receptors and proliferation markers in tamoxifen treated breast cancer patients and the relationship with response," <i>Breast Cancer Res. Treat.</i> 48:11-20 (March 1998)
<i>I</i>	AS	<u>6</u>	Nagy, K.P., "A Study of Normal, Atypical and Neoplastic Cells in the White Cell Concentrate of the Peripheral Blood," <i>Acat Cytol.</i> 9:61-67 (January-February 1965)
<i>✓</i>	AT	<u>6</u>	Sasano, H., <i>et al.</i> , "Immunolocalization of Cyclins D and E and Cyclin Dependent Kinase (cdk) 2 and 4 in Human Breast Carcinoma," <i>Anticancer Res.</i> 17:3685-3690 (September-October 1997)

EXAMINER <i>Karen G. Canella</i>	DATE CONSIDERED <i>3/30/01</i>
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KAC	AR	Z	Scambia, G., <i>et al.</i> , "Multiple Tumour Marker Assays in Advanced Cervical Cancer: Relationship to Chemotherapy Response and Clinical Outcome," <i>Eur. J. Cancer</i> 32A:259-263 (February 1996)
I	AS	Z	Siitonen, S.M., <i>et al.</i> , "Proliferating Cell Nuclear Antigen Immunohistochemistry Using Monoclonal Antibody 19A2 and a New Antigen Retrieval Technique Has Prognostic Impact in Archival Paraffin-Embedded Node-Negative Breast Cancer," <i>Am. J. Pathol.</i> 142:1081-1089 (April 1993)
✓	AT	Z	Tsihlias, J., <i>et al.</i> , "Loss of Cyclin-dependent Kinase Inhibitor p27 ^{Kip1} Is a Novel Prognostic Factor in Localized Human Prostate Adenocarcinoma," <i>Cancer Res.</i> 58:542-548 (February 1998)

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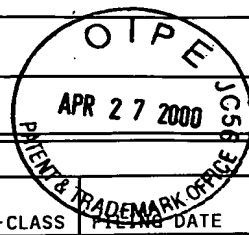
Karen A. Camilla

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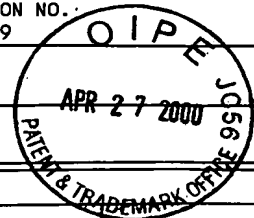
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KAC	AR	8	Ts'io, P.O.P., <i>et al.</i> , "Detection of Intact Prostate Cancer Cells in the Blood of Men with Prostate Cancer," <i>Urology</i> 49:881-885 (June 1997)
I	AS	8	Vielh, P., "Ki67 Index and S-Phase Fraction in Human Breast Carcinomas," <i>Am. J. Clin. Pathol.</i> 94:681-686 (December 1990)
✓	AT	8	Wingren, S., <i>et al.</i> , "Flow cytometric analysis of S-phase fraction in breast carcinomas using gating on cells containing cytokeratin," <i>Br. J. Cancer</i> 69:546-549 (March 1994)

EXAMINER <i>Karen A. Garella</i>	DATE CONSIDERED <i>3/30/01</i>
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KAL	AR	2	Yang, R.M., <i>et al.</i> , "Low P27 Expression Predicts Poor Disease-Free Survival in Patients with Prostate Cancer," <i>J. Urology</i> 159:941-945 (March 1998)
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EXAMINER <i>Karen D. Gamella</i>	DATE CONSIDERED <i>3/30/01</i>
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FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	
KAL	AS	2	Idziorek, T., <i>et al.</i> , "YOPRO-1 permits cytofluorometric analysis of programmed cell death (apoptosis) without interfering with cell viability," <i>J. Imm. Meth.</i> 185:249-258 (1995).
KAL	AT	2	Gorczyca, W., <i>et al.</i> , "Analysis of Apoptosis in Solid Tumors by Laser-Scanning Cytometry," <i>Modern Path.</i> 11:1052-1058 (1998).

EXAMINER

Karen A. Garella

DATE CONSIDERED

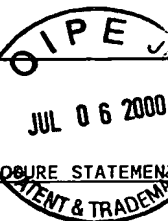
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KAL	AR	10	Rahilly, M.A., and Fleming, S., "A Tumor Promoter Induces Alterations in Vinculin and Actin Distribution in Human Renal Epithelium," J. Path. 166:283-288 (1992).
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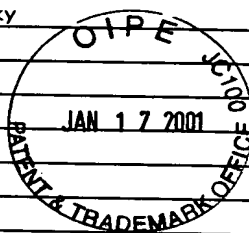
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